

Notice of Allowability

Application No.

10/696,523

Examiner

Greta L. Robinson

Applicant(s)

BRODERSEN ET AL.

Art Unit

2168

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an RCE and amendment filed August 23, 2007.
2. ☒ The allowed claim(s) is/are 106-129 (now renumbered as claims 1-24).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20071019.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jonathan N. Geld (registration no. 44,702) on October 19, 2007.

2. The application has been amended as follows:

Amendment in the Specification, at page 9 line 1

THE FIGURES BRIEF DESCRIPTION OF THE DRAWINGS

The method, apparatus, structure, system, and program product of our invention may be understood by reference to the Figures appended hereto.

Amendments in the Claims

118. (Currently Amended) A computing system for accessing a database table comprising:

a database table comprising a plurality of fields arranged into a plurality of rows and a plurality of columns, wherein

each row of the plurality of rows is associated with an attached file,

and

a column of the plurality of columns comprises information about the attached files associated with rows wherein the information comprises one of a directory name of the associated attached file in a filesystem relative to a root directory of the filesystem and a source file name;

a display device that displays contents of the database table;

a local storage device coupled to the computing system, wherein the local storage device stores each attached file referenced in the database table as copied from a file server providing the file system to the local storage device, if, for each attached file, a corresponding defer indication is set to not defer a copy and a same version of the file is not already stored in the local storage device;

an input device via which the computing system receives user input selecting a selected field, wherein

the selected field comprises a reference to a selected attached file; and

an attachment opening subsystem that, in response to receiving the user input,

uses the reference to the selected attached file to open the attached file, if a copy of the selected attached file is stored in the local storage unit device.

3. The following is an examiner's statement of reasons for allowance:

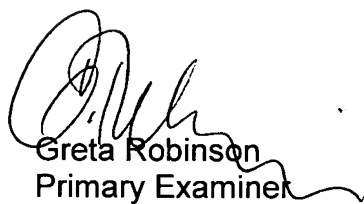
Applicant's amendment and response filed August 23, 2007 are found persuasive. The amended independent claims provide for accessing a database table that includes references to attached files within the structure of the database table. The database table is accessed and the attached files are copied from a fileserver storing the referenced attached files to a local storage unit. The copying is performed for each attached file if there is no indication or flag that a particular file copy should be deferred and the local storage unit does not already have a copy of a particular referenced attached file. The prior art of record does not disclose the limitations as cited in the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greta L. Robinson whose telephone number is (571)272-4118. The examiner can normally be reached on M-F 9:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Greta Robinson
Primary Examiner
October 22, 2007